Work Orde	er ID 56653 1:15:26 PM	_									
Revision ID:	D076-612-015  Cargo Mirror Assembly		Accept					Setup Sta			
	03/03/2010 Start Qty: 1.0			Cust Item II Customer:	D:					<b>                                    </b>	
Approvals:	Process Plan:QC:	Date: 10 3-05	Tooling: SPC (Y/N):		ite:		]	Run Sta Sta		11   1   1   1   1   1   1   1   1   1	
Sequence ID/ Work Center II	Operation Description		Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	
Draw Nbr	Revision Nbr			*		<u> </u>					
DSI9304	Rev A										
DC Document Control	DOCUMENT CONT Memo Photoco	FROL  py bluefile and create labels pe	0.00 0.00 er PPP D076-612-015 CF	1G002 5666	lo		H	Cor	10 loc	lon	
110 Packaging Packaging	Pick Kit <b>Memo</b>		0.00				10-	6-7	sf (	R	

120

QC4- 100% Inspect kits for completeness

Quality Control

Memo

Dart Aerosp	ace Li	td
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W/O:			wo	ORK ORDER CHANG	FS				* *
DATE	STEP	PRO	OCEDURE CHA		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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792 11		1							
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA	:	Date:	
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#### Work Order ID 56653

March 3, 2010 1:15:26 PM

**Required Date:** 08/03/2010



Page 2

Item ID:

3

D076-612-015

Accept

Setup Start



**Revision ID:** 

Item Name:

Cargo Mirror Assembly

Start Date: 03/03/2010

Start Oty: 1.00

Rea'd Otv: 1.00

**Cust Item ID:** 

**Customer:** 

Reference:

Approvals:

OC:

Process Plan: Date: Tooling:

SPC (Y/N):

Date:

Draw

Number.

Date:

Draw

Rev.

Plan

Code

Reject

Otv



Sequence ID/

Work Center ID

130

Packaging

Packaging

Operation Description

Packaging

Set Up/

Run Hours

0.00

0.00

Memo

Identify and pack for shipping as per PPP D076-612-015

Date:

Location:

PPP Rev:

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Run

Accept

Qty

Start

Stop



Stop

Reject

Insp. Number Stamp

16.6-8

10 /06/08 A) MR 10-6-7

Dart	<b>Aeros</b>	pace	Ltd
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W/O:			WC	ORK ORDER CHANG	GES		****			T T
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	gory:	NCF	R: Yes	No <b>DQ</b>	<b>A</b> :	Date:	
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NCR:			WORK ORDI	ER NON-CONFORM	ANCE	(NCR	)	-		· · · · · · · · · · · · · · · · · · ·
DATE	STEP	Description of NC		ction B		Verific	ation	Approval	Approval	
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti		Chief Eng	QC Inspector
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March 3, 2010 1:15:31 PM

Work Order ID: 56653

Parent Item:

D076-612-015

Parent Item Name:

Cargo Mirror Assembly

IPP Rev: A DOS OS 12 DNew issue DK I/II M



**Start Date:** 03/03/2010

**Required Date:** 08/03/2010

Page 1

Comments:	IPP Rev:A□05.05.1	l2□New issue□K.	J/JLM					S	Start Qty: 1.00	1	Required	<b>Qty:</b> 1.00
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issue	Status
D2012-117	I (1841   1841   1861   1861	Manufactured	No			110	Each	41.0000 "		16-6	7	sf
				Warehou	<u>ise</u>	Loc	<u>Oty</u>	Loc Code				,
				<u>Loca</u>	<u>tion</u>							
				Main Wa	rehouse							
				ST			41					
					31101		2		السا	· · · · · · · · · · · · · · · · · · ·		
				,	52498 55729		9		ي	5		
D2261		Manufaatuuad	No		55729	110	30	0.0000	; <u>F</u>			_
Mirror Arm - Long S76		Manufactured	NO			110	Each	0.0000	1.0000	5726	,6 /0	.67
, D2262 , Mirror Arm - Short S76		Manufactured	No			110	Each	5.0000	1.0000	0.6-7	7	R

Warehouse	Loc Oty	Loc Code
Location		
Premier		
Mezz	5	
39695	2	
51565	3	



Dart Aerospace	Ltd
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W/O:			WORK ORDER CHANGES										
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approvai QC Inspector				
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Part No		PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	Date: _					
	Res	olution:	Disposition	:	QA: N/C CI	osed:		Date: _	<del></del>				
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCF	R)							
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Action Description Chief Eng	escription Sign &			Approval Chief Eng	Approval QC Inspector				
				Olivo, Elig									
<u> </u>													

March 3, 2010 1:15:31 PM

Page 2

Work Order ID: 56653

Parent Item:

D076-612-015

Parent Item Name: Cargo Mirror Assembly



**Start Date:** 03/03/2010

Required Date: 08/03/2010

Comments:	IPP Rev:A□05.05.	12□New issue□K.	J/JLM						Start Qty: 1.00		Required Qty: 1.00
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Status Issued
D2263-1		Manufactured	No			110	Each	82.0000	2.0000	10-6'	1
				Warehou Loca Premier		Loc	<u>Oty</u>	Loc Code			
D2263-3		Manufactured	No	Mezz	16733	110	82 82 Each	185.0000			$\rho$
Castings		. •		Warehou		<u>Loc (</u>	<u>Qty</u>	Loc Code		10.6	7 8
D2264		Manufacturad	No	Loca Premier Mezz	<del></del>	110	185 185	60 0000 ·	-	2	
Cushion		Manufactured	NO	-		110	Each	60.0000	3.0000	10-6	.1sf (n)

Warehouse Loc Qty Loc Code Location Main Warehouse ST 60

55

33565 54727

Dart Aerospace I	Ltd
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Dart Ae	rospace	e Lta										
W/O:				WORK ORDER CHANGES								
DATE	STEP		PROCE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
					-				****			
Part No	:		PAR #:	Fault Category:		NCR: Yes	No DQA	<b>\</b> :	_ Date: _			
Resolution:		Disposition:	QA: N/C C	Date:	<del></del>							

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B	7	Verification	Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector		
				17.50 Core			<b>2</b> 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

March 3, 2010 1:15:31 PM

Work Order ID: 56653

Parent Item:

D076-612-015

Parent Item Name: Cargo Mirror Assembly



	Cargo Mirror Asser	•						S	tart Date: 03/03	3/2010	Required Dat	e: 08/03/2010
Comments:	IPP Rev:A□05.05.1	I2□New issue□K.	J/JLM					\$	Start Qty: 1.00		Required Qt	y: 1.00
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2271  "L" Bracket Assembly		Manufactured	No			110	Each	1.0000	3.0000	0-6-	7	<del>)</del>
				<u>Warehoo</u> <u>Loca</u>	<del></del>	Loc (	<u>Qty</u>	Loc Code	2/	35	6851	
				Premier							•	
				Mezz	z		1					
7					16718		1					
D2274		Manufactured	No			110	Each	272.0000				
Radius Block										3566	086 10	16789
				Warehou	<u>ise</u>	Loc (	<u>Oty</u>	Loc Code				}
				Loca	<u>tion</u>							
				Main Wa	rehouse							
				ST			222					
					55602		222					
				Main Wa	rehouse							
				ST01	0		40					
					52644		29					
					55443		11					
				Main Wa	rehouse							

Manufactured

ST10

54850 110

0.0000

10

10

Each

2.0000

B34142 10.6.75/ (12)

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W/O:			WC	ORK ORDER CHANG	GES					<del>,</del>
DATE	STEP	PRO	OCEDURE CHA	NGE	В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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			4986.1	****						
Part No	:	PAR #:	Fault Cate	gory:	NCR:	Yes N	o <b>DQ</b>	<b>\</b> :	Date:	
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NCR:			WORK ORD	ER NON-CONFORM	ANCE (I	NCR)		· · · · · · · · · · · · · · · · · · ·		
DATE	STEP	Description of NC			tion B		Verific	ation	Approval	Approval
	Section A		Initial Chief Eng	Action Description Chief Eng		ign & Date	Section	on C	Chief Eng	QC Inspector
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Page 4

Work Order ID: 56653

D076-612-015

Parent Item Name:

Cargo Mirror Assembly

Comments:

Parent Item:

IPP Rev:A□05.05.12□New issue□KJ/JLM

Purchased



**Start Date:** 03/03/2010

**Required Date:** 08/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3439-101		Manufactured	No			110	Each	1.0000	1.0000			<del>/                                    </del>
										10-6	75/	

Mirror Assembly 8"

Warehouse	Loc	: Oty	Loc Code		
<b>Location</b>					
Main Warehouse					
ST		1			
54714		1			<u>/</u>
	110	Each	250.0000	3.0000	•

AN3-11A

No



10-6 7 5

<u>Warehouse</u>	Loc Qty	Loc Code	
<b>Location</b>			
Main Warehouse			
ST	250		
109927	29		
110865	170		3
14820	51		

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		olution:							
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (NCR	R)	-		
DATE	STEP	Description of NC			tion B	Verific	ation	Approval	Approval
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Page 5

Work Order ID: 56653

Parent Item Name:

D076-612-015

Cargo Mirror Assembly

Comments:

Washer

Parent Item:

IPP Rev:A□05.05.12□New issue□KJ/JLM

**Start Date:** 03/03/2010

**Required Date:** 08/03/2010

Start Oty: 1.00

Required Otv: 1.00

	Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Primary Item Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty Qty To Pick Issued	Date Issued	Status
•	AN4-5A		Purchased	No		110	Each	88.0000	2.0000	. 7 (	- <u>()</u>

Bolt

Warehouse Location Main Warehouse

ST 88 100089 6 109061 110844 7 112933 66 110

9.0000 0.0000

Loc Code

Purchased

Purchased

No

No

110

Loc Qty

Each 0.0000

Each

10.0000 , MILY147 10.6.7 SP (1)

W/O:			WO	RK ORDER CHANGES			<b>-</b>		*
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Part No	:	PAR #:	Fault Categ	jory: N	CR: Yes	No <b>DQA</b> :		_ Date: _	
	Re	esolution:	Disposition	: G	A: N/C Clo	sed:		Date:	
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	0.2.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section	1 C	Chief Eng	QC Inspector
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Page 6

Work Order ID: 56653

Parent Item:

D076-612-015

Parent Item Name:

Cargo Mirror Assembly

Comments:

IPP Rev:A□05.05.12□New issue□KJ/JLM

Start Date: 03/03/2010

**Required Date:** 08/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/
Item Name

Replacement Mfg/ Item ID Purch Bin Primary Item Location

Last Location Route Seq ID Unit of Qty or Measure Hand

Qty on Remaining Hand Qty To Pick

Qty Issued Date Issued

Status

MS21042L3

Purchased

No

110

Each

2,438.000 6.0000

M114523

1200

Warehouse	Loc Qty	Loc Code	
<b>Location</b>			
Main Warehouse			
ST	2432		
110844	35		
111274	27		
111668	52		***************************************
112314	285		
112385	315		
113523	18		
113537	700		·
113644	1000		
Main Warehouse			
ST139	6		
111668	6		

W/O:			WO	RK ORDER CHANG	ES	<del> </del>			3
DATE	STEP	PRO	OCEDURE CHAI	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		199	T-12-20.	2-24					
Part No	;	PAR #:	Fault Cated	jory:	NCR: Yes	No DQ	<b>A</b> :	_ Date: _	·
	Resolution:		Disposition	n:	_ QA: N/C Cld	sed:		Date:	·
NCR:			WORK ORDE	ER NON-CONFORMA	NCE (NCR	)			
DATE	STEP	Description of NC	Initial	Corrective Action Section	on B Sign &	- Verific	cation	Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng	Date	Secti	on C	Chief Eng	QC Inspector
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Page 7

Work Order ID: 56653

D076-612-015

Parent Item Name:

Cargo Mirror Assembly

Comments:

Parent Item:

IPP Rev:A□05.05.12□New issue□KJ/JLM



Start Date: 03/03/2010

Required Date: 08/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
Item Name	Item ID	Purch	Item Location	Location	Seq ID	Measure	Hand	Qty To Pick	Issued	Issued	
MS21042L4	 	Purchased	No		110	Each	1,715.000	3.0000	1		

M/14503 10-6.75

Warehouse	Lo	c Oty	Loc Code		
<b>Location</b>					
Main Warehouse					
ST		1715			
102552		6			
104248		6			
110507		184			
111827		527			
113422		992			
15924		0			
	110	Each	153 0000	3.0000	,

MS27039-1-14

Screw

Purchased

No

10-6.78

Warehouse Location	Loc Oty	Loc Code	
Main Warehouse			
ST	153	,	
112312	100		
15924	53		3

W/O:			WO	RK ORDER CHANG	GES					2
DATE	STEP	PRO	OCEDURE CHAI	OCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		PAR #:	Fault Cate	gory:	NCR: Y	Date:	Date:			
Resolution:			Disposition	1:	QA: N/	C Clos	sed:		Date:	
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March 3, 2010 1:15:31 PM

Page 8

Work Order ID: 56653

D076-612-015

Parent Item Name:

Cargo Mirror Assembly

Comments:

Parent Item:

IPP Rev:A□05.05.12□New issue□KJ/JLM



**Start Date:** 03/03/2010

**Required Date:** 08/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
NAS1738B-4-2		Purchased	No			110	Each	41.0000	9.0000	,		
										かんすら	0	
Blind Rivet									·········· ——	0 0 10	<i>r</i>	



Blind Rivet

Warehouse Location	<u>Lo</u>	c Oty	Loc Code
Main Warehouse			
ST		41	
112082		41	
*	110	P1	120 0000 620

AN4-10A

Purchased No 110

Each



Warehouse	Loc Oty	Loc Code	
<b>Location</b>			
Main Warehouse			
ST	120		
103962	4		
108986	9		
111425	57		T
113422	50		<del>1</del>

Dart Aerospace	: Ltd
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W/O:		WORK ORDER CHANGES									
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
						-					
1											
		PAR #:	PAR #: Fault Category:					A:	Date:		
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NCR:			WORK ORD	ER NON-CONFORMA	NCE (	NCR)					
DATE	STEP	Description of NC	Corrective Action Section B			Sign & Verific			Approval	Approval	
DATE	SIEP	Section A	Initial Chief Eng				Section C		Chief Eng	QC Inspector	
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1	1		1		i		1		I		



	CP DRAWN BY			DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	4
Ì	CHECK	KED M	APPROVED A	DRAWING NO.	REV. C
١		#	4	DSI 9304 SHEET	1 OF 2
Ì	DATE			TITLE	SCALE
	05.0	6.13,		MIRROR SUBSTITUTION	NTS
I	Α		05.05.27	NEW ISSUE	
	В		05.06.03	ADD OPTIONAL ANTI-SLIP HARDWAR	Ε
	С		05.06.13	NOW PERMANENT KIT CHANGE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D076-612 REV. A REFERENCE ONLY

REF. CANADIAN STC: SH94-38 ISSUE 2 REF. FAA STC: SR00298NY

For the D076-612-015 CHG 002 Cargo Mirror kit, the D2011-103 Mirror referenced in IIN-D076-612 rev.A has been replaced with the D3439-101 Mirror Assembly. The attaching hardware for this mirror has been changed to reduce the chance of slippage in flight. The mirror should be installed per the figure on page 2 of this document. The parts list for the D076-612-015 Cargo Mirror kit is given below.

•	F 1		·						
Qty -015	Part Number	Descri	ption						
Х	D076-612-015	CARGO MIRROR, 8"							
1	D3439-101	Mirror Assembly(8")							
1	*D3015-3	Locknut							
1	*5/16WC	Washer							
3	D2012-117	Clevis							
1	D2261 /	Arm Assembly							
1	D2262 / /	Arm Assembly							
2	D2263-1	Clamp							
2	D2263-3	Clamp							
3	D2264 / 3.11	Cushion							
3	D2271	Bracket							
2	D2274	Radius Block							
2	D2856-100-250 5	Abrasion Strips							
3	AN3-11A	Bolt							
2	AN4-DA	Bolt							
1	AN4-10A	Bolt							
7.9	AN960JD10 '	Washer	CANADA						
10	AN960JD416 /	Washer	DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION						
6	MS21042L3 // MS21042L4 //	Nut (or MS21042-3)	BRANCH						
		Nut (or MS21042-4)	DAO # 01-O-01						
; 3	MS27039-1-14	Screw							
. 9	NAS1738B-4-2	Blind Rivet	APPROVED						
		<i>*</i> *	BY: D. SHEPHERD (DE # 02)						
To the second se	remove to the contract of the		DATE: 05.06.13 CERT. NO.: SH94-38 ISSUE NO.: 2						
		3							

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W/O:	-	WORK ORDER CHANGES										
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву		Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
		PAR #:	egory:	NCR: Yes No DQA: Date:								
	R	esolution:	Dispositi	on:	_ QA: N/C	Clos	ed:		Date: _			
NCR:			WORK ORI	DER NON-CONFORMA	ANCE (N	CR)						
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section Action Description	Section B on Sign &			cation	Approval Chief Eng	Approval		
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